What is claimed is:

1.   An apparatus for monitoring equipment comprising:

        a sensor attached to the equipment for sensing an environmental condition of the

equipment; and

        a node to receive signals from the sensor, wherein in response to the environmental

condition falling outside a range between a first value and a second value, the node controls

a backup system to substantially return the environmental condition to between the first

value the second value.

2.   The apparatus according to claim 1, further comprising:

        a file stored to the node, wherein the node stores the environmental conditions of the

equipment to the file.

3.   The apparatus according to claim 1, further comprising:

        an alarm to emit at least one of a visual and auditory signal, the alarm being activated

by the node in response to the environmental condition being outside the range between the   .

first value and the second value.

4.   The apparatus according to claim 1, further comprising:

        a network; and

        a controller to communicate with the node across the network.

5.   The apparatus according to claim 4, wherein the controller queries the node for the

environmental conditions.

6.   The apparatus according to claim 5, further comprising:

        a display device attached to the controller to display the environmental conditions.

7.   The apparatus according to claim 6, further comprising:

an input device attached to the controller to provide a user with the capability to program the controller.

8.   The apparatus according to claim 4, further comprising:

a computer code to control the actions of the node, wherein the controller updates the computer code across the network.

9.   An apparatus to remotely monitor equipment, the apparatus comprising:

means for querying a sensor attached the equipment, the sensor generating a signal in response to an environmental condition of the equipment;

means for receiving the signal;

means for calculating a value based on the signal and a response curve of the sensor;

means for comparing the calculated value to a range between a first value and a second value; and

means for modulating a backup system attached to the equipment in response to the calculated value being outside the first value and the second value.

10.   The method according to claim 9, further comprising:

means for generating a file on the node.

11.   The method according to claim 10, further comprising:

means for storing a unique identifier associated with the equipment to the file.

12   The method according to claim 9, further comprising:

means for monitoring the node across a network.

13.   The method according to claim 12, further comprising:

means for updating a computer code in response to receiving code across the network.

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14.   The method according to claim 12, further comprising:

        means for querying the node across the network for the environmental conditions;

and

        means for receiving the environmental conditions in response to the query.

15.   A method that provides remote diagnostic and control capability for equipment, the method comprising:

        querying a sensor attached the equipment, the sensor generating a signal in response to an environmental condition of the equipment;

        receiving the signal;

        calculating a value based on the signal and a response curve of the sensor;

        comparing the calculated value to a range between a first value and a second value;

and

        modulating a backup system attached to the equipment in response to the calculated value being outside the first value and the second value.

16.   The method according to claim 15, further comprising:

        generating a file on the node.

17.   The method according to claim 16, further comprising:

        storing a unique identifier associated with the equipment to the file.

18   The method according to claim 15, further comprising:

        monitoring the node across a network.

19.   The method according to claim 18, further comprising:

        updating a computer code in response to receiving code across the network.

20.   The method according to claim 18, further comprising:

       querying the node across the network for the environmental conditions; and

       receiving the environmental conditions in response to the query.

21.   A computer readable storage medium on which is embedded one or more computer
programs implementing a method that provides remote diagnostic and control capability for
equipment, the one or more computer programs comprising a set of instructions for:

       querying a sensor attached the equipment, the sensor generating a signal in response
to an environmental condition of the equipment;

       receiving the signal;

       calculating a value based on the signal and a response curve of the sensor;

       comparing the calculated value to a range between a first value and a second value;
and

       modulating a backup system attached to the equipment in response to the calculated
value being outside the first value and the second value.

22.   The computer readable storage medium according to claim 21, further comprising a
set of instructions for:

       generating a file on the node.

23.   The computer readable storage medium according to claim 22, further comprising a
set of instructions for:

       storing a unique identifier associated with the equipment to the file.

24   The computer readable storage medium according to claim 21, further comprising a
set of instructions for:

       monitoring the node across a network.

25.   The computer readable storage medium according to claim 24, further comprising a set of instructions for:

updating a computer code in response to receiving code across the network.

26.   The computer readable storage medium according to claim 24, further comprising a set of instructions for:

querying the node across the network for the environmental conditions; and

receiving the environmental conditions in response to the query.